

Title (en)

Radial fan casing

Title (de)

Radialgebläsegehäuse

Title (fr)

Boîtier pour soufflante radiale

Publication

EP 2177769 A3 20150527 (DE)

Application

EP 09013061 A 20091015

Priority

DE 102008051362 A 20081015

Abstract (en)

[origin: EP2177769A2] The housing (2) has a spiral-shaped accommodating recess (5) for accommodating a radial fan wheel, and an air conductive guide (4) for guiding air flow from the recess to an air outlet (9). The guide sustains a contour (11) of the recess on an inner side (14) of the guide, where the inner side faces the recess. The guide has an inclined leading edge (13) with a blade angle (α) that amounts to 63 degrees to 67 degrees, where the leading edge linearly runs at the constant blade angle.

IPC 8 full level

F04D 17/16 (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

F04D 17/16 (2013.01); **F04D 29/422** (2013.01); **F04D 29/4226** (2013.01); **F04D 29/667** (2013.01)

Citation (search report)

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- [XYI] EP 1462658 A2 20040929 - EBM PAPST LANDSHUT GMBH [DE]
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- [XYI] DE 4313617 C1 19940511 - KREIS TRUMA GERAETEBAU [DE]
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- [XYI] GB 2393220 A 20040324 - FANS & BLOWERS LTD [GB]
- [XY] DE 10029546 A1 20011220 - BEHR GMBH & CO [DE]
- [XYI] EP 0943808 A2 19990922 - MOTOREN VENTILATOREN GMBH [DE]
- [XYI] JP 2008067746 A 20080327 - MATSUSHITA ELECTRIC IND CO LTD
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2177769 A2 20100421; **EP 2177769 A3 20150527**; **EP 2177769 B1 20200101**; DE 102008051362 A1 20100422

DOCDB simple family (application)

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